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A.

CEIRIOG RURAL DISTRICT

COUNCIL.

ANNUAL REPORT.

of the

MINISTRY OF HEALTH

MEDICAL OFFICER OF HEALTH

Thomas Kenrick Hughes, M.B. CH.B. D.P.H.

including

REPORT OF THE

PUBLIC HEALTH INSPECTOR AND SURVEYOR

R. W. Aubrey. A.R.S.H., M.A.P.H.I.

for the

YEAR ENDED 31st. DECEMBER, 1961.

C E I R I O G R U R A L D I S T R I C T C O U N C I L.

A N N U A L R E P O R T, 1961.

I have the honour to present my Annual Report for the year ended 31st. December,1961.

The Ceiriog Rural District covers an area of 63,269 acres of beautiful country which is sparsely populated by 7,300 habitants.

During April the 1961 census was taken but the result is not yet given.

The District suffered a severe blow by the closing of all the Secondary Modern Schools, which resulted in all children over 11 years of age being herded into bilateral schools at Llangollen and Llanfyllin. This may have serious social and economic consequences, as well as further depopulating the District.

A welcome innovation was the establishment of a chiropody service in the County with a centre at Chirk, which is available to old age pensioners.

Two severe epidemics affected the district during the year; Measles ran riot among the young children, while Influenza was severe among all ages.

No progress was made with housing or slum clearance, though there is still a considerable waiting list for houses and overcrowded conditions exist in the more popular areas.

POPULATION.

The population of the Ceiriog Rural District as estimated by the Registrar General was 7,300 as compared to 7,330 in 1960. Each year shows a slight fall in numbers and since the census in 1951 we have lost 332 inhabitants, for the population was then 7,632.

BIRTHS.

There was a total of 100 live births during 1961 as compared to 130 in 1960, showing a fall of 30. This is the lowest total for births for several years.

The births included 46 boys and 54 girls.

The majority of births take place in the Maternity Hospital while comparatively few are born at home.

There were 3 illegitimate births, all being girls.

BIRTH RATE.

The crude birth rate per 1000 of the population was 13.70. The adjusted rate was 14.93. The figures for 1960 were Crude Birth Rate 17.73 Adjusted Birth Rate 19.32 That f r England and Wales was 17.4.

From these figures it is obvious that the birth rate fell sharply during 1961 and is now below that of England and Wales.

STILL BIRTHS.

There were no still births notified during 1961 as compared to 2 in 1960.

DEATHS.

There was a total of 100 deaths registered during 1961, as compared to 80 deaths in 1960, showing an increase of 20.

Whereas the births have been falling in numbers the deaths have been increasing each year, so that the births and deaths are equal. There has, therefore, been no natural increase in the population this year.

The two greatest killing diseases were cancer and diseases of the heart and circulation. Cancer caused 23 deaths while diseases of the heart and circulation caused 60 deaths. Thus, together, they accounted for 83 out of the 100 deaths.

The Death Rate was 14.93 as compared to 10.9 in 1960. That for England and Wales was 12.0, so that our death rate is now higher than the country as a whole.

INFANT DEATHS.

There was a total of 3 infant deaths during 1961 as compared to 5 infant deaths in 1960. These were all boys and 2 died under the age of one week.

INFANT MORTALITY RATE.

The Infantile Mortality Rate for 1961 was 30.0 as compared to 38.46 in 1960. That for England and Wales was 21.4. Our district does not compare well with the country as a whole, for a rural district such as Ceiriog should be lower in this respect.

PREVENTION AND CONTROL OVER NOTIFIABLE INFECTIOUS DISEASES.

All cases of notifiable infectious diseases should be notified to the District Medical Officer of Health as soon as possible so that steps can be taken to prevent the spread of infection. There was a total of 143 cases notified during 1961 as compared to 19 during 1960. The considerable increase was due to an epidemic of Measles at the beginning of the year when 134 cases were notified.

There were 3 cases of Tuberculosis as compared to 8 in 1960, which shows a satisfactory fall in numbers.

IMMUNISATION AND VACCINATION.

The County Council is responsible for the provision of these services and they are carried out at the Maternity and Child Welfare Clinics or can be done by the patient's own doctor.

VACCINATION AGAINST SMALLPOX.

Protection against this disease has fallen into disfavour, so that the numbers vaccinated during 1961 were lower than ever. However, during December, an outbreak occurred in England and caused a sudden clamour for vaccination, so we can expect to see a sharp rise in the figures next year.

During 1961 only 38 were vaccinated for the first time and 2 were re-vaccinated.

POLIO VACCINATION.

During 1961, Polio Vaccine was given entirely by injection and was by far the most popular preventive measure. It would appear that the public are more scared of Polio than the other infectious diseases, probably because of its crippling effects.

Evening clinics were held monthly for the benefit of persons working during the day.

579 persons received primary doses.

317 received third dose.

415 received a Booster dose

making a grand total of 1,311.

DIPHTHERIA, WHOOPING COUGH AND TETANUS.

A triple Vaccine is now given which protects infants and children against these three diseases.

The number protected was considerably less than last year. 140 received the Triple Vaccine; their ages ranged from 6 months to 14 years. 26 received booster doses.

WATER SUPPLY.

The Council owns 10 small water undertakings supplying the various villages in our district. As they had been subject to intermittent pollution it was decided to install chlorination plants at these reservoirs, excepting Bwlchyddar which is a very small concern. The result has been a great improvment in the purity of the water. 42 samples were satisfactory and 12 unsatisfactory.

Chirk supply, which was at one time unsatisfactory, is now giving satisfactory samples, but the Bwlchyddar supply does not come up to standard and an alternative supply is being sought for.

HOUSING.

No houses were built during 1961, but the number on the waiting list at Chirk was 159.

25 persons qualified for old people's bungalows and it was proposed to build 12 more bungalows for old people at Rhosywaen. There was also a demand for old people's bungalows at Llanrhaeadr, and it was proposed to build 6 more there.

It was encouraging to see the Council buying up property capable of renovation and improvement as has been done at Chirk Green. In this way accommodation can be provided at far less expense, which can be let at a far lower rent than new Council Houses. I hope this policy will be pursued whenever the opportunity arises.

SEWAGE AND SEWERAGE SCHEMES.

Approval by the Ministry was obtained for schemes at Pentrefelin and Dolywern. Tenders have been accepted and the work is now in progress.

I have received the same kindness and consideration from the Council throughout the year, for which I am grateful.

I should also like to thank Mr. Aubrey and his staff for their work during the year.

Finally, I must acknowledge the help and advice of Mr. Butler, Clerk of the Council, and of Mr. R.T.Jones, the Chief Financial Officer.

I am,

Ladies and Gentlemen,

Yours obediently,

T. Kenrick Hughes.

Medical Officer of Health.

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HOUSING REPAIRS ACCOUNT

The following Tables show the value of the work carried out during 1961, in connection with the maintenance of the Council's Housing Estates:-

No. of Houses.		To Credit Repairs Account.	To Debit Repairs Account.	Average Cost per house.
1961	857	£8952. 7. 0.	£7939. 5. 3.	£9. 5. 3.

WATER SUPPLIES

In view of the continued intermittent pollution of the sources of water supply it has been found necessary to provide chlorination plants at 8 of the 9 water supply schemes owned by the Council and samples of these sources have been more satisfactory since these plants have been in operation.

The only scheme not now chlorinated supplies six houses and the consumers have been advised to boil all water before drinking.

PLUMBO- SOLVENCY - There is only one area in which the water supply shows a tendency to plumbo solvency, and when the mains of this scheme were renewed in 1939, lead service pipes were replaced.

BACTERIOLOGICAL ANALYSIS

Public Supplies - Satisfactory 42
Unsatisfactory 12.

PRIVATE SUPPLIES - Nine samples were examined, six proving satisfactory and three unsatisfactory.

The following statement shows particulars of the number of dwelling houses and the number of population supplied from Public Water Mains:-

Year 1961.	No of Houses.	Direct to House		Standpipe	
		No.	Percentage.	No.	Percentage.
Chirk	1184	1143	97%		
Glyn Traian	293	255	86.6%		
Glynceiriog	308	264	85.9%		
Llancadwaladr	43	32	74.4%		
Llanarmon D.C.	66	55	60.6%	3	4.5%
Llansilin	306	237	77.3%	11	4.7%
Llangedwyn	56	50	89.3%		
Llanarmon M.M.	19	17	89.5%		
Llanrhaeadr Y.M.	305	274	89.9%	11	3.6%

SEWERAGE & SEWAGE DISPOSAL

With two exceptions (Pentrefelin, Dolywern and Llwynmawr) all villages are provided with sewerage and sewage disposal schemes and in both these cases schemes have received the approval of the Welsh Office of the Ministry of Housing and Local Government.

In the case of Pentrefelin a Tender has been accepted in the sum of £7843. 0. 0. and work will commence in 1962.

In the case of Dolywern and Llwynmawr a Tender was received in June 1961 but for various reasons work was not commenced at the end of 1961.

MILK & DAIRIES REGULATION 1949 - 1954.

It was not necessary to institute formal proceedings under the Act for any breach of the Regulations. Advice on structural improvements was given where necessary.

FOOD STUFFS CONDEMNED.

Meat	150 lbs.
Tinned Meat	55 "
Tinned Fruit Juice	9 Tins.
Tinned Marmalade	1 Tin.
Tinned Fish	16 Tins
Tinned Vegetables	70 "
Tinned Soup	28 "
Tinned Milk	50 "
Tinned Fruit	117 "
Tinned Tomatoes	143 "
Tinned Rice Pudding	5 "
Butter	7 lbs.
Cheese	16½ "

ICE CREAM

All Ice Cream sold in the district is pre-packed and manufactured by reputable firms outside the district.

SANITARY INSPECTIONS.- The following inspections have been carried out during the year.

Houses visited	871
" revisited	510
Water Supplies	256
Nuisances	52
New Buildings	202
Sewage Disposal Works	181
Various	885

INFECTIOUS DISEASES

Measles	134
Scarlet Fever	2
Whooping Cough	2
Pulmonary Tuberculosis	3
Dysentry	2

VITAL STATISTICS - Estimated Population 7300

LIVE BIRTHS.	Male	Female	Total
Legitimate	46	51	97
Illegitimate		3	3

STILL BIRTHS Nil

LIVE BIRTHS RATE per 1000 Population. Crude 13.70 Corrected 14.93
Whole Country 17.4

STILL BIRTHS per 1000 LIVE & STILL BIRTHS. Nil.

TOTAL LIVE & STILL BIRTHS - 100

DEATHS of INFANTS under 1 YEAR - 3 (Male) Legitimate.

DEATHS of INFANTS under 4 WEEKS - 2 (Male) Legitimate.

DEATHS of INFANTS under 1 WEEK - 2 (Male) Legitimate.

INFANT MORTALITY RATE per 1000 Live Births - Total 30.00

INFANT MORTALITY RATE per 1000 LIVE BIRTHS - Legitimate 30.00

INFANT MORTALITY RATE per 1000 LIVE BIRTHS - ILLEGITIMATE - nil

NEO-NATAL MORTALITY RATE per 1000 LIVE BIRTHS.
(First Four Weeks) 20.00

INFANT MORTALITY RATE ENGLANT & WALES - 21.4

ILLEGITIMATE LIVE BIRTHS PER CENT of TOTAL LIVE BIRTHS Nil

MATERNAL DEATHS (Including abortion) - Nil

MATERNAL MORTALITY RATE per 1000 LIVE & STILL BIRTHS - Nil

TOTAL DEATHS Male 46. Female 54 - Total 100.

DEATH RATE per 1000 POPULATION - Crude 14.93. Corrected 15.38
Whole Country 12.0

CAUSES OF DEATH

Malignant neoplasm stomach	6
" " lung bronchus	6
Other " and lymphatic neoplasms	11
Leukemia aleukemia	1
Diabetes	1
Vascular lesions of nervous system	25
Coronary disease, angina	13
Hypertension with heart disease	1
Other heart disease	18
Other circulatory disease	3
Pneumonia	4
Bronchitis	4
Other diseases of respiratory system	1
Ulcer of stomach and duodenum	1
Gastritis, enteritis & diarrhoea	1
Other defined & ill-defined diseases	10
All other accidents	2
Suicide	1

TUBERCULOSIS.	Cases at 1960.	New Cases.	Removed Cases.	Cases at 31.12.61.
Pulmonary - Male	28	1	2	27
" Female	26	2	3	25
Non-Pulmonary - Male	7		1	6
" " - Female	9		1	8

PLANS of NEW BUILDINGS SUBMITTED:-

Alterations & Conversions	33
New Buildings	65
Approved	93
Not approved	5
Carried out	60

FACTORIES ACTS, 1937 to 1959.

PART 1 OF THE ACT.

INSPECTIONS for purposes of provisions as to health
(including inspections made by Public Health Inspectors).

Premises (1)	Number on Register. (2)	Number of Inspections. (3)	Written Notices. (4)	Occupiers proscuted. (5)
(i) Factories in which Section 1. 2. 3. 4. & 6 are to be enforced by Local Authorities.	29	34	NIL	NIL
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority.	Nil	Nil	Nil	Nil
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-worker's premises)	Nil	Nil	Nil	Nil
Total	29	34	-	-

PART V111 OF THE ACT.

OUTWORK

(Sections 110 and 111)

There are no out-workers in this area.